

[Summary of the Invention (before amendment)]

In the above-mentioned improved television camera of the present invention, -----

[Claims (before amendment)]

1. A television camera which adjusts the level of the R, G and B signals obtained through a three-color separation optical system to keep the white balance comprising:

control means for setting the level adjusting values of the R, G and B signals according to the diaphragm signal indicating the diaphragm condition of a taking lens; and

white balance correction means for adjusting the levels of the R, G and B signals according to said level adjusting value.

2. A television camera as set forth in claim 1, wherein the adjusting value in said control means is set at a value by which the level of an arbitrary one signal is caused to be even relatively with that of both of the other signals.

3. The television camera as set forth in claim 2, wherein the adjusting value in said control means is set at a value by which the level of an arbitrary one signal is caused to be increased or decreased relatively to that of both of the other signals in case that the diaphragm of the taking lens has been opened beyond a predetermined value.

